



## Focus Occupation: Chemists (19-2031)


### Focus occupation: Chemists

Employment and Growth	91/ 7.1%
Ave. Monthly Wage	\$6,918
Education/Experience	Bachelor's degree



### Advance FROM Focus Occupation



Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Physicists (19-2012)	5	n/a	PHD	80
Astronomers (19-2011)	4	n/a	PHD	82
Biochemists and Biophysicists (19-1021)	3	n/a	PHD	91
Chemical Engineers  (19-2041)	3	43/ 4.9%	BA	86
Geoscientists, Except Hydrologists and Geographers (19-2042)	3	514/ 7.5%	BA	80
Medical Scientists, Except Epidemiologists (19-1042)	3	63/ 37.0%	PHD	78
Materials Scientists  (19-2032)	2	n/a	BA	97
Hydrologists (19-2043)	1	48/ 4.3%	MA	80
Microbiologists (19-1022)	1	40/ 8.1%	BA	93

### Transfer TO and FROM Focus Occupation

Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Environmental Scientists and Specialists, Including Health  (19-2041)	0	961/ 6.9%	BA	92

### Advance TO Focus Occupation

Occupation	Rung	Employment/ Growth	Education/Experience	Similarity
Animal Scientists (19-1011)	-1	n/a	PHD	79
Food Scientists and Technologists (19-1012)	-1	n/a	BA	87
Soil and Plant Scientists  (19-1013)	-1	38/ 2.7%	BA	77
Geological and Petroleum Technicians  (19-4041)	-2	939/ 8.7%	AA	74
Forensic Science Technicians (19-4092)	-3	116/ 3.6%	BA	79

Environmental Science and Protection Technicians, Including Health  (19-4091)	-4	333/ 6.1%	AA	73
Life, Physical, and Social Science Technicians, All Other (19-4099)	-4	521/ 6.8%	AA	84
Biological Technicians  (19-4021)	-5	539/ 6.3%	BA	73
Chemical Technicians (19-4031)	-5	175/ 10.1%	AA	95

**Important note:** A worker does not necessarily have to traverse every rung to advance to or from the focus occupation. Occupations above and below the focus occupation are directly related to the focus occupation, but they are not necessarily directly related to each other. For example, actors and athletes are both related to agents of artists, performers, and athletes, but actors and athletes are not directly related to each other.

Analysis and development of the career lattice is by the Alaska Department of Labor and Workforce Development, Research and Analysis Section.

Data sources used for research and analysis: O\*NET (Occupation Information Network), Alaska Occupational Data Base (ODB), Standard Occupational Classification Manual, North American Industry Classification System manual, Bureau of Labor Statistics Occupational Employer Survey (OES) wage estimates.